

- CDMA 450, RF-Tx SAW Filter
- Revision 0: November 2007

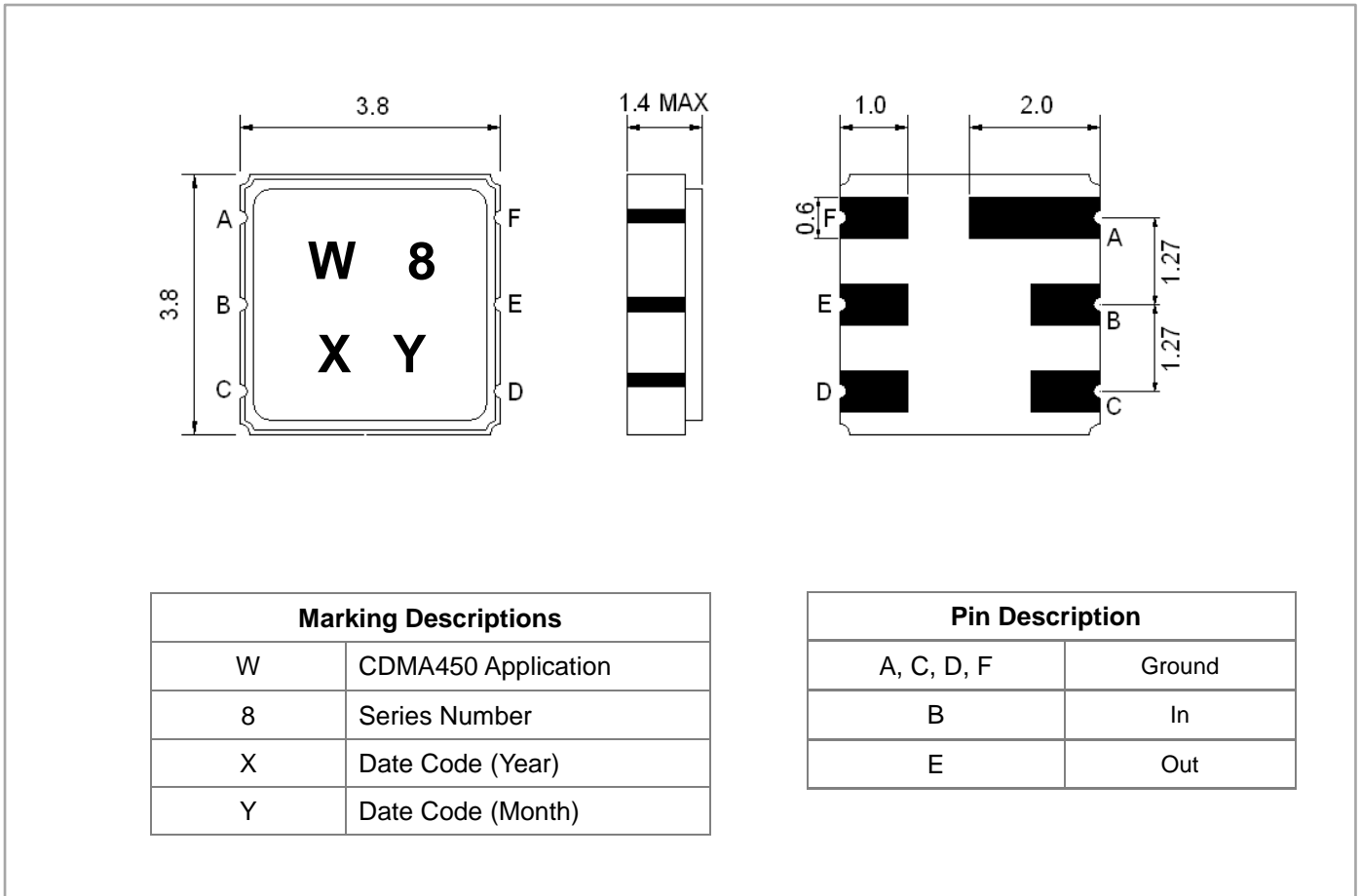
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

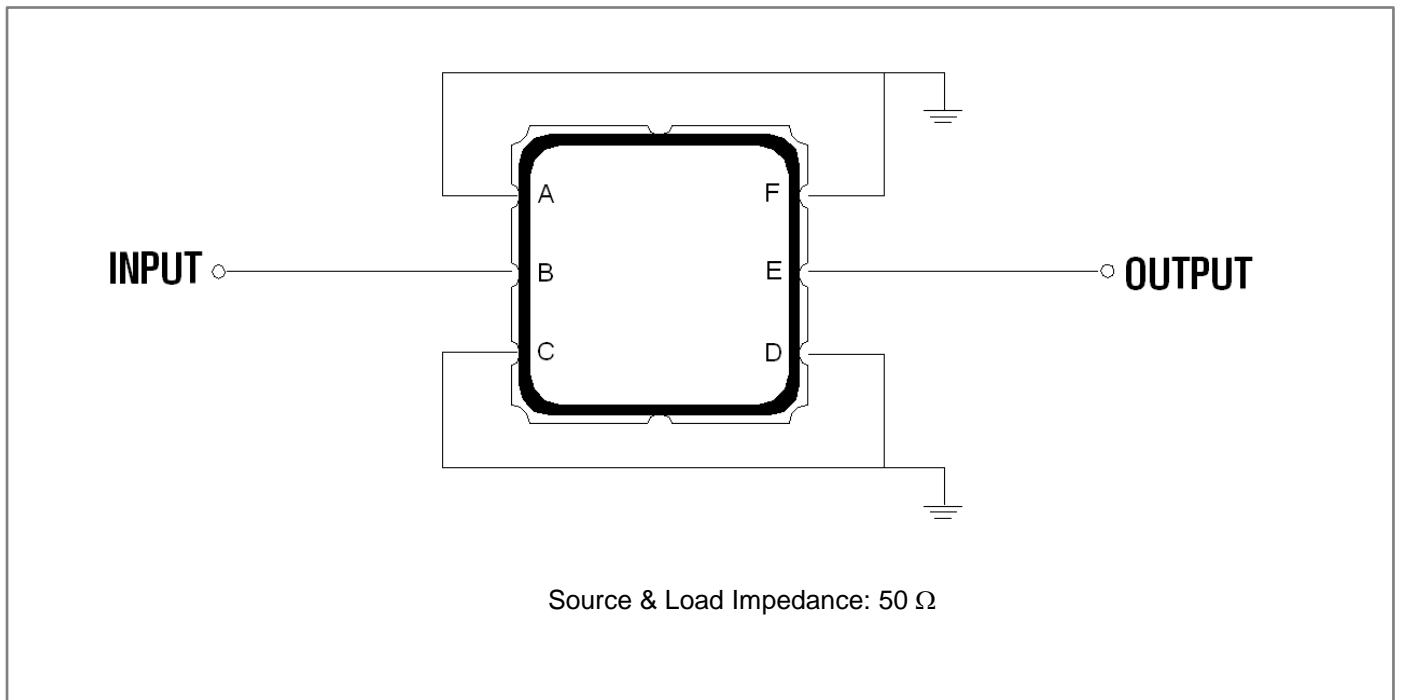
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	453.5	-
Insertion Loss within 450.0 ~457.0 MHz	dB	-	1.7	3.0
Amplitude Ripple within 450.0 ~457.0 MHz	dBp-p	-	0.9	1.5
Attenuation:				
0.3 ~ 350.0 MHz	dB	30	33	-
350.0 ~ 445.0 MHz	dB	25	30	-
460.0 ~ 462.0 MHz	dB	6	20	-
462.0 ~ 467.0 MHz	dB	25	35	-
467.0 ~ 2000.0 MHz	dB	25	33	-
Return Loss within 450.0 ~457.0 MHz	dB	9	11	-

Notes : (1) No Matching Network

Package Dimensions

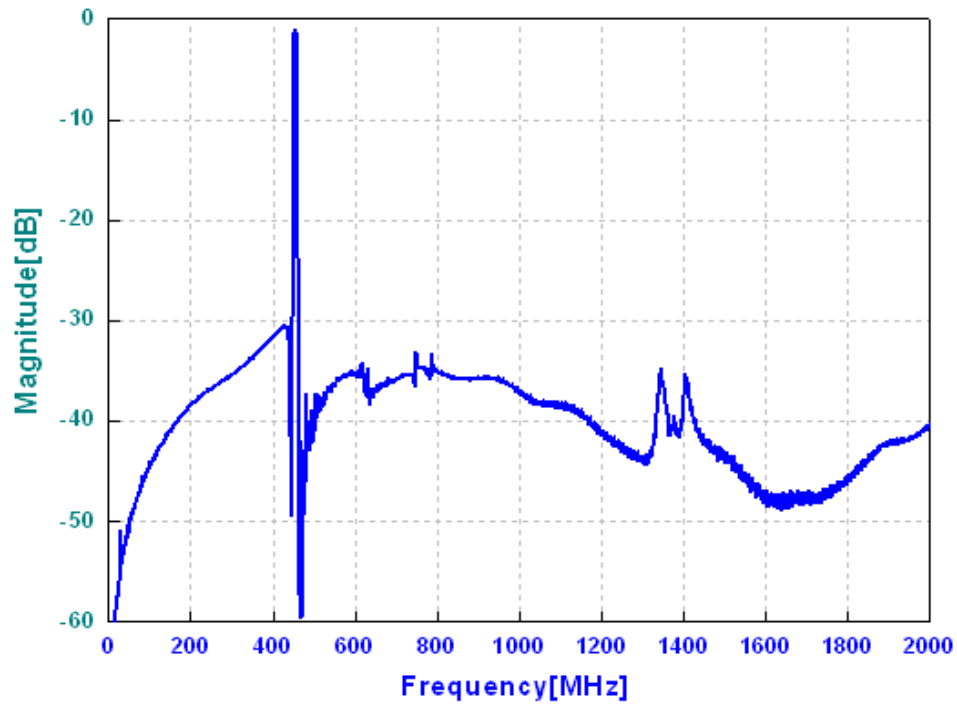
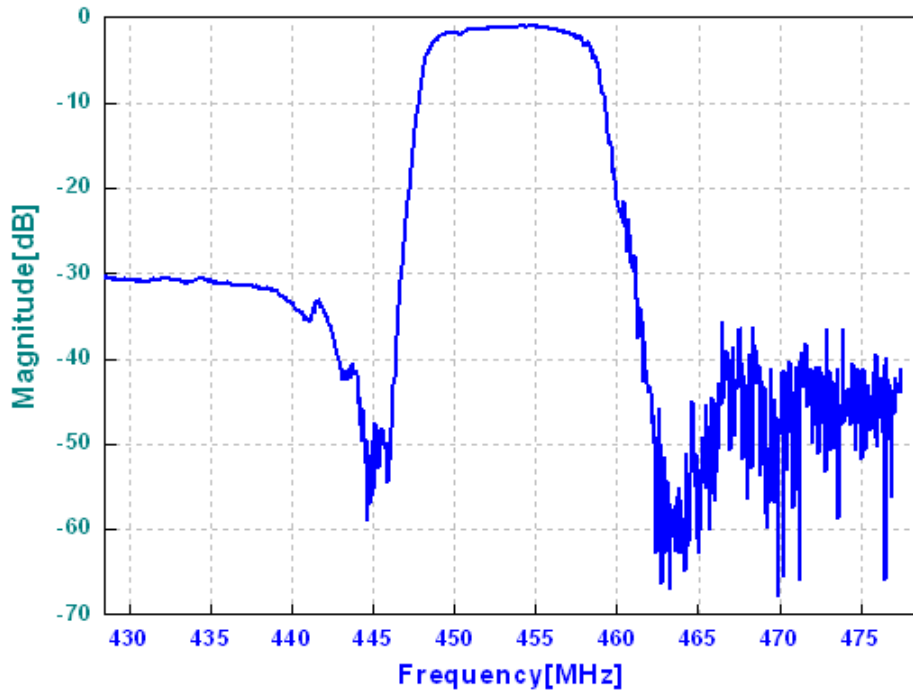


Testing Environment

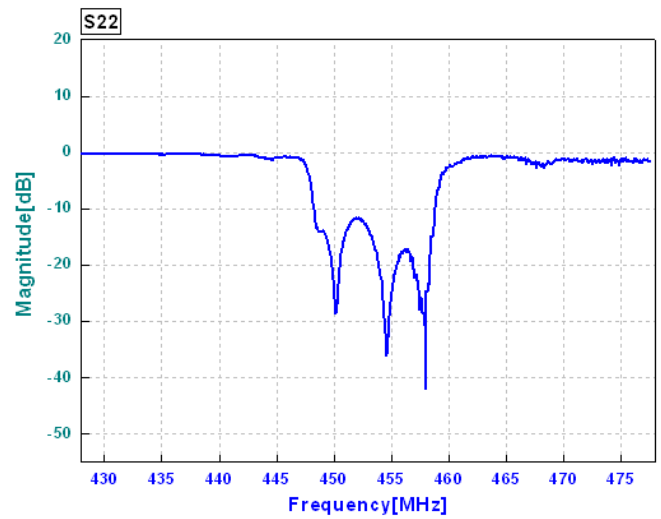
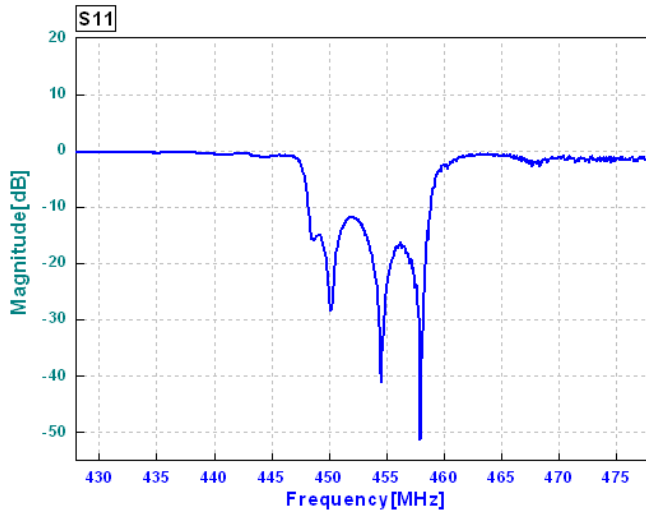


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

